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end
--59. The array processor of claim 44 wherein each cluster switch multiplexes

communications from processing elements within a cluster for transmission to another cluster. ~

Remarks

The present amendment replies to the Restriction Requirement mailed February 25, 2003.

That requirement required restriction to one of three inventions categorized in groups as follows:

Group I. Claims 1 and 44-52 drawn to "an array processor connected to communicated in a mutually exclusive manner," classified in class 712 subclass 11;

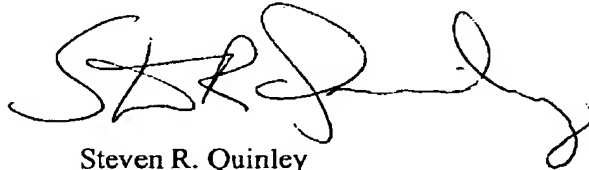
Group II. Claim 53 drawn to "a method of forming clusters of processing elements," classified in class 712, subclass 10; and

Group III. Claims 54-56 drawn to "an array processor having rows and columns," classified in class 712, subclass 13.

Applicants elect with traverse the Group I claims 1 and 44-52.

Please cancel claims 53-56 without prejudice to the presentation of these claims by way of divisional or otherwise. New claims 57-59 have been added. Claims 1, 44-52 and 57-59 are presently pending.

Respectfully submitted,



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